



This application is submitted in the name of inventors Richard B. Merrill, Richard F. Lyon, and Carver A. Mead, assignors to Foveon Inc., a California Corporation.

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SPECIFICATION

~~METHOD FOR STORING AND RETRIEVING DATA FROM AN IMAGING ARRAY OF VERTICAL-COLOR-FILTER DETECTOR GROUPS~~

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PRIORITY

This application claims benefit of United States Patent Application Serial No. 09/316,731 filed on May 21, 1999 and 09/884,863 filed on June 18, 2001, now US Pat. 6,727,521, which is a continuation of 09/316,731 filed on May 21, 1999, now US Pat 6,731,397.

BACKGROUND OF THE INVENTION

15 1. Field of the Invention

The present invention relates to the capture, storage, and retrieval of digital images. More particularly, the present invention relates to novel methods for storing and retrieving pixel data from a full-color RGB imaging array imbedded in a device such as a digital camera.

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